

### **Abstract of the Disclosure**

A patella replacement device has a generally hemispherical member which is surrounded by a collar or metallic ring and has apertures. A second hemispherical member has projections which fit into the apertures of the first member and the combination is used for the repair or replacement of the patella bone. At least one member is made of a high porosity metal material or contains a porous coating for initial stability through the adhesive and frictional properties of the metal material or coating.